



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5 : C12N 15/11, C12Q 1/68	A2	(11) International Publication Number: WO 93/16178 (43) International Publication Date: 19 August 1993 (19.08.93)
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(21) International Application Number: PCT/US93/01294 (22) International Filing Date: 12 February 1993 (12.02.93) (30) Priority data: 07/837,195 12 February 1992 (12.02.92) US	(74) Agents: ALTMAN, Daniel, E. et al.; Knobbe, Martens, Olson and Bear, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US). (81) Designated States: AU, CA, JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
(71) Applicant: THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; Washington, DC (US). (72) Inventors: VENTER, Craig, J. ; 1718 Nordic Hill Circle, Silver Spring, MD 20906 (US). ADAMS, Mark, D. ; 12812 Sage Terrace, Germantown, MD 20874 (US). MORENO, Ruben, F. ; 14415 Coral Gables Way, North Potomac, MD 20878 (US).	Published <i>Without international search report and to be republished upon receipt of that report.</i>

(54) Title: SEQUENCES CHARACTERISTIC OF HUMAN GENE TRANSCRIPTION PRODUCT**(57) Abstract**

Partial and complete human cDNA and genomic sequences corresponding to particular expressed sequence tags (ESTs). The ESTs are cDNA sequences that are generally between 150 and 500 base pairs in length, are derived from human brain cDNA libraries, correspond to genes transcribed in human brain, and have base sequences identified herein as SEQ ID NOS: 1-2421.

FILE COPY

RESULT 6
AQ61233/C
AQ61233 standard; DNA; 315 BP.
AAQ61233;
16-MAR-1994 (first entry)
Human brain Expressed Sequence Tag EST01263.
Gene transcription product; genetic markers; tagging; *in vivo*; transcription; mapping; locations; chromosomes; chromosomal; ss.
Homo sapiens.
W09316178-A.
19-AUG-1993.
12-FEB-1993. 93W09316178A

PA	(USSH) US DEPT HEALTH & HUMAN SERVICE.	
XX	Adams MD, Moreno RF, Venter CJ;	
PI		
XX		
DR	WPI: 1993-272882/34.	
XX		
XX	Enriched oligonucleotides and corresp. s	
PT	markers for human genes transcribed in-	
PT	most human genes	
XX		
PS	Example 4: Page 459; 500PP; English.	
XX		
CC	The Expressed Sequence Tag was isolated	
CC	library as part of a large set of ESTs	
CC	for human genes transcribed in vivo. The	
CC	tagging of most human genes, for mapping	
CC	on chromosomes, for individual or forensic	
CC	locations of disease-associated genes, for	
CC	type, and for prep. of antisense sequences.	
CC	EST01263 had a "poor" coding probability	
CC	coding-region prediction program CRM. See	
XX		
SQ	Sequence 315 BP; 113 A; 61 C; 49 G; 90 T	
XX		
Query Match	2.0%	Score 59.8;
Best Local Similarity	60.1%	Pred. No. 3
Matches	175;	Mismatch
	Conservative	0;
		Mismatch
QY	2638 GTTAAGAAGTACTCTAAATTATTCATGTCTT	
Db	298 GTGAAATAATGTACATTCTCAATTTCATTCATCT	
QY	2698 GTCGAAAGCTCTAGAACGCTACT-AAGAAACC	
Db	238 GTCGAAAGCTCTGGACATAGCAAAACG	
QY	2757 TGGCATGCG-----ATTGCTGAGCCGCCCTT	
Db	178 TANTCTATAATGTACCCAAATCTCCGACCCCTT	
QY	2806 AGGAAATGTAAGTTGGATGAG ---'GGGAGGG	
Db	119 AGGGAGTATAATTCTACATGACTGGGTGGGAGAG	
QY	2862 TTTCTATAAACATCAGGATGATCCCTGGTT	
Db	59 TTTCTATAAACATCAGGATGATCCCTGGTT	
RESULT	7	
ABBN85733	ABBN85733 standard; DNA; 249487 BP.	
XX		
XX	AB85733;	
AC		
XX		
DT	30-SEP-2002 (first entry)	
XX		
XX	Mouse genomic region containing the ltrpr	
XX		
KW	Mouse; ltrpr5; taste; cell signalling; taste	
KW	cell-specific ion channel subunit;	
XX		
XX	Mus sp.	
XX	WO200254069-A1.	
XX	11-JUL-2002.	
XX		
PD	26-DEC-2001; 2001WO-US49808.	
XX		
PP	29-DEC-2000; 2000US-259379P.	
XX		
PR	21-DEC-2001; 2001US-0026188.	
XX		

RESULT 7
ABN85733
ID ABN85733 standard; DNA; 249487 BP.

ABN85733;

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DT 30-SEP-2002 (first entry)

XX — 1 /

Mouse genomic resources contain many DE

אנו מודים לך יי' האחים קראנץ ווילנשטיין על תרומותיהם

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mouse; *lfrpc5*; taste; cell signal.

taste cell-specific ion channel subunits

xx

SC Mus sp.

XX

BN M0300354060-11

WUZU00234003-AL.

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11-JUL-2002.

XXX

PPF 26-DEC-2001: 2001WO-01S49808

THE BOSTONIAN: OR, THE AMERICAN JOURNAL OF LITERATURE AND SCIENCE.

BR 29-DEC-2000: 30000115-3E0370B

21 - DFG 20001, 20003-4393/3P.

2001-DEC-2001; 2000105=0026188.